

localhost:8888/notebooks/flight%20delay.ipynb

jupyter flight delay Last Checkpoint: 5 hours ago (autosaved) Logout

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In [31]: `dataset = pd.get_dummies(dataset, columns=['ORIGIN', 'DEST'])`  
`dataset.head()`

Out[31]:

	FL_NUM	MONTH	DAY_OF_MONTH	DAY_OF_WEEK	CRS_ARR_TIME	DEP_DEL15	ARR_DEL15	ORIGIN_0	ORIGIN_1	ORIGIN_2	ORIGIN_3	ORIGIN_4	DES
0	1399	1	1	5	21	0.0	0.0	1	0	0	0	0	
1	1476	1	1	5	14	0.0	0.0	0	1	0	0	0	
2	1597	1	1	5	12	0.0	0.0	1	0	0	0	0	
3	1768	1	1	5	13	0.0	0.0	0	0	0	0	0	1
4	1823	1	1	5	8	0.0	0.0	0	0	0	0	0	1

In [33]: `x=dataset.iloc[:,0:8].values`  
`y=dataset.iloc[:,8:9].values`

In [35]: `from sklearn.model_selection import train_test_split`  
`x_train,x_test,y_train,y_test = train_test_split(x,y,test_size=0.2,random_state=0)`

In [36]: `x_test.shape`

Out[36]: (2247, 8)

In [37]: `x_train.shape`

Out[37]: (8984, 8)

In [38]: `y_test.shape`

Out[38]: (2247, 1)

In [39]: `y_train.shape`

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